

Schlumberger Technology Corporation
IP Dept., Well Stimulation
110 Schlumberger Drive, MD1
Sugar Land, Texas 77478
(281)-285-4665 (voice)
(281) 285-8569 (fax)

Schlumberger**FAX TRANSMITTAL COVER PAGE**

Our Fax No.: (281) 285-8569

Date: June 27, 2001

PLEASE DELIVER TO: Mr. Darrell C. Cottman
703-305-3230

FROM:

☐ Catherine Menes (281) 285-8606
☐ Thomas O. Mitchell (281) 285-4490
☐ Stephen Schlather

☒ Tricia E. Van Hooser (281) 285-4665
☐ Yvonne Loftin (281) 285-7165

COMMENTS: 57.0286PCT/US, U.S. Application No. 09/647,272
ATTN.: Mr. Darrell C. Cottman

Per our telephone conversation today, attached are documents that were submitted to the USPTO in response to the Notification of Missing Requirements" dated 20 Oct 2000. Please call me to discuss the details of this application. There is a confusing issue concerning this application that we need to consider, talk about and resolve. My telephone number is 281-285-4665.

Tricia E. van Hooser
Tricia E. van Hooser

18 Pages
(Including Transmittal Sheet)

NOTICE OF CONFIDENTIALITY

This information contained in and transmitted with this facsimile is:

1. SUBJECT TO THE ATTORNEY-CLIENT PRIVILEGE;
2. ATTORNEY WORK PRODUCT; OR
3. CONFIDENTIAL

It is intended only for use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone, and return the original message to us at the above address via the U.S. Postal Service. Thank you.

If you do not receive all pages, please call: (281) 285-4665



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
 Address: ASSISTANT COMMISSIONER FOR PATENTS
 Box PCT
 Washington, D.C. 20231

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.				
09/647272	DAVIES	S 57.0286PCT/U				
SCHLUMBERGER TECHNOLOGY CORPORATION 110 SCHLUMBERGER DRIVE MD1 SUGAR LAND, TX 77478		INTERNATIONAL APPLICATION NO. PCT/GB99/00942				
		<table border="1"> <tr> <td>I.A. FILING DATE</td> <td>PRIORITY DATE</td> </tr> <tr> <td>25 MAR 99</td> <td>27 MAR 98</td> </tr> </table>	I.A. FILING DATE	PRIORITY DATE	25 MAR 99	27 MAR 98
I.A. FILING DATE	PRIORITY DATE					
25 MAR 99	27 MAR 98					

DATE MAILED: **11 JUN 2001**

NOTIFICATION OF ABANDONMENT

The United States Patent and Trademark Office in its capacity as

☐ a Designated Office (37 CFR 1.494), ☒ an Elected Office (37 CFR 1.495), has made the following determination:

- ☐ Applicant's letter of express abandonment received _____ is in compliance with CFR 1.138 and is hereby acknowledged.
- ☐ Applicant has failed to provide the full U.S. Basic National Fee by ☐ 20 months (37 CFR 1.494(b)(2)), ☐ 30 months (37 CFR 1.495(b)(2)).
- ☒ Applicant has failed to respond to the notification of MISSING REQUIREMENTS (Form PCT/DO/EO/905), mailed 20 OCT 00 within the time period set therein.
- ☐ Applicant has failed to properly respond to the notification of MISSING REQUIREMENTS (Form PCT/DO/EO/905), mailed _____ within the time period set therein. See the attached NOTIFICATION OF DEFECTIVE RESPONSE (Form PCT/DO/EO/916).
- ☐ Other.

Therefore, the above identified application failed to meet the requirements of 35 U.S.C 371 and 37 CFR ☐ 1.494, ☐ 1.495 and is ABANDONED AS TO THE UNITED STATES OF AMERICA.

COTTMAN, DARRELL C.

Telephone: 703-305-3693

MT

On the date stamped hereon, the following was received in the United States
Designated/Elected Office (DO/EO/US):

<input checked="" type="checkbox"/>	Reply to Notification of Missing Requirements
<input checked="" type="checkbox"/>	w/ Form PCT/DO/EO/905
<input checked="" type="checkbox"/>	Transmittal Letter to the U.S. Designated/Elected Office
<input checked="" type="checkbox"/>	Copy of Notification and original date-stamped postcard with
	Filing date and serial number
<input checked="" type="checkbox"/>	Oath or Declaration including Power of Attorney
<input checked="" type="checkbox"/>	Assignment, recordation form, cover letter & envelope
	Certified copy of
	Extension of time for one-month
<input checked="" type="checkbox"/>	Postcard

Applicant:: Stephan N. Davies et al.

Title: METHOD AND COMPOSITIONS FOR WATER CONTROL

Serial No.: 09/647,273

Atty: M. Bani-Jamali

Docket File: 57,0286PCT/US

Mailed: Nov. 15, 2000

Due Date: 11/20/00

525 Rec'd PCT/PTO 20 NOV 2000

FORM PTO-1390
(REV 11-96)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATE
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

57.0286PCT/US

U.S. APPLICATION NO. (if known, see 37 CFR 1.5

09/647,273

INTERNATIONAL APPLICATION NO
PCT/GB99/00942INTERNATIONAL FILING DATE
25 MARCH 99PRIORITY DATE CLAIMED
27 MARCH 98TITLE OF INVENTION **METHOD AND COMPOSITIONS FOR WATER CONTROL**APPLICANT(S) FOR DO/EO/US **DAVIES, Stephen N.; JONES, Timothy G.J.; OLTHOFF, Silke; and TUSTIN, Gary J.**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☐ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☒ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371
3. ☐ This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C.371(b) and PCT Articles 22 and 39(1)
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☐ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(3)).
7. ☐ Amendments to the claims of the International Application under PCT Article 19(35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information:

- 1) Response to Notification of Missing Requirements
- 2) A copy of the Notice and a copy of the postcard dated 27 SEP 2000
- 3) Declaration for Patent Application
- 4) Assignment with Recordation form and envelope to Assignment Branch
- 5) Self-addressed, stamped postcard in evidence of USPTO receipt

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 09/647,273		INTERNATIONAL APPLICATION NO. PCT/GB99/00942		ATTORNEY'S DOCKET NUMBER 57.0286PCTAJS	
17. <input type="checkbox"/> The following fees are submitted BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) : Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$970.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$840.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$760.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$670.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) \$96.00 ENTER APPROPRIATE BASIC FEE AMOUNT =				CALCULATIONS PTO USE ONLY 	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =		X \$18.00	\$	
Independent claims	- 3 =		X \$78.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	
Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).				\$	
SUBTOTAL =				\$	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	\$ 40.00
TOTAL FEES ENCLOSED =				\$	170.00
				Amount to be:	\$
				refunded	\$
				charged	\$

a. ☐ A check in the amount of \$_____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 04-1579(57.0286) in the amount of \$ 170.00 to cover the above fees.
 A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any
 overpayment to Deposit Account No. 04-1579. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO: *Nov. 15, 2000*

Patent Counsel
Well Stimulation
Schlumberger Technology Corporation
110 Schlumberger Drive, MD1
Sugar Land, Texas 77478

Maryam Bani-Jamali
 SIGNATURE:
Maryam Bani-Jamali
 NAME
36,084
 REGISTRATION NUMBER

UNITED STATES DESIGNATED/ELECTED OFFICE
DO/EO/US CONCERNING A FILING UNDER 35 U.S.C. 37

MT

- ☒ Transmittal Letter to the U.S. Designated/Elected Office (DO/EO/US)
Concerning A Filing Under 35. U.S.C. 37
- ☒ Priority claimed
- ☐ An Assignment Document for recording. A separate cover sheet in
compliance with 37 CFR 3.28 and 3.32 is included
- ☐ An Oath or Declaration of the Inventor(s)
- ☐ Information Disclosure Statement
- ☐ A FIRST Preliminary Amendment
- ☒ Express Mail No.: EK767801926US
- ☒ Deposit Account Authorization ☒ Post Card

09/647273

Applicants: Stephen N. Davies, Timothy G.J. Jones, Silke Offhoff, and Gary J. Tustin

Title: METHOD AND COMPOSITIONS FOR WATER CONTROL

Serial No.: FILED HEREWITH

Atty: Gordon Waggett

Docket File: 57.0288PCT

Mailed: 27 Sep '00

Due Date:

410 Rec'd PCT/PTO 27 SEP 2000

PATENTS
ATTORNEY DOCKET NO. 57.0286PCT/US

provides that this case was assigned U.S. Application No. "09/647272". The correct U.S. Application number that was assigned to the subject patent application is shown on the attached copy of the return-receipt postcard, date stamped 27 Sep 2000, and that is U.S. Application No. -- 09/647273 --. We are therefore referring to all documents throughout this response to the "Notification of Missing Requirements" as U.S. Application No. 09/647273.

In response to the "Notification of Missing Requirements under 35 USC 371 in the United States Designated/Elected Office (DO/EO/US)", enclosed are:

- (1) An Oath or Declaration of the Inventors which complies with 37 CFR 1.497(a) and (b), identifying the application by International application number and International filing date;
- (2) An Assignment executed by the Inventors, a recordation form cover sheet with required fee, and an envelope for delivery to the Assignment Branch.
- (3) The Commissioner is authorized to charge the fee for this petition and any additional required fee, or credit any excess fee paid, to Deposit Account No. 04-1579(57.0286). An extra copy of this paper is enclosed for charges to the Deposit Account.

PATENTS
ATTORNEY DOCKET NO. 57.0286PCT/US

- (4) Self-addressed, stamped postcard to evidence USPTO receipt.

Respectfully submitted,



Maryam Bani-Jamali
Reg. No.: 36,084
Attorney for Applicant(s)

Date: Nov. 15, 2000

Schlumberger Technology Corporation
110 Schlumberger Drive, MD1
Sugar Land, Texas 77478
Ph: (281) 285-4524
Fax: (281) 285-8569

In Duplicate

MT

**UNITED STATES DESIGNATED/ELECTED OFFICE
DO/EO/US CONCERNING A FILING UNDER 35 U.S.C. 37**

☒ Transmittal Letter to the U.S. Designated/Elected Office (DO/EO/US)
Concerning A Filing Under 35. U.S.C. 37

☒ Priority claimed

An Assignment Document for recording. A separate cover sheet in
compliance with 37 CFR 3.28 and 3.32 is included

☐ An Oath or Declaration of the Inventor(s)

☐ Information Disclosure Statement

☐ A FIRST Preliminary Amendment

09/647273

☒ Express Mail No.: EK767801926US

☒ Deposit Account Authorization

☒ Post Card

Applicants: Stephen N. Davies, Timothy G.J. Jones, Silke Olthoff, and Gary J. Tustin

Title: METHOD AND COMPOSITIONS FOR WATER CONTROL

Serial No.: FILED HEREWITH

Atty: Gordon Waggett

Docket File: 57.0286PCT

Mailed: 27 Sep '00

Due Date:

410 Rec'd PCT/PTO 27 SEP 2000